

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1-3. (Cancelled)

4. (Currently amended) A continuous extrusion molding system for continuously extrusion molding a weather strip for an automobile, comprising a U-shaped trim formed by embedding a core bar in a slightly foamed solid rubber portion, said molding system comprising a prickly gear, rotatable while pressed in contact with the weather strip being extruded, and disposed so as to be adjacent to a mouth piece of an extruder, wherein tiny holes having a depth reaching the core bar are defined in part of the slightly foamed solid rubber portion, within the U-shaped trim, in such a way as to be arranged in line along the longitudinal direction of the weather strip by use of the prickly gear, and a vulcanizing furnace for vulcanizing the U-shaped trim while the holes enable discharge of gas evolved inside the slightly foamed solid rubber portion.

5. (Currently amended) AThe continuous extrusion molding system for continuously extrusion molding a weather strip for an automobile, ~~comprising a U-shaped trim formed by embedding a core bar in a slightly foamed solid rubber portion, comprising a prickly gear, rotatable while pressed in contact with the weather strip being extruded, and disposed so as to be adjacent to a mouth piece of an extruder, wherein tiny holes having a depth reaching the core bar are defined in part of the slightly foamed solid rubber portion, within the U-shaped trim, in such a way as to be arranged in line along~~

~~the longitudinal direction of the weather strip by use of the prickly gear, and thereafter, according to claim 4, and further comprising a coating unit for sealing the tiny holes are sealed with a coating of a thermoplastic elastomer or resin, formed on the surface of the slightly foamed solid rubber portion by use of a coating unit.~~

6. (New) A continuous extrusion molding system for forming a weather strip for an automobile, comprising:

an extruder having a mouth piece, said extruder outputting a slightly foamed solid rubber portion for embedding a core bar;

a prickly gear disposed adjacent the mouth piece, the prickly gear rotatable when pressed in contact with the slightly foamed solid rubber portion being extruded for forming holes in a face of the slightly foamed solid rubber portion, the holes having a depth reaching the core bar; and

a vulcanizing furnace for receiving and vulcanizing the slightly foamed solid rubber portion, the holes enabling gas evolved inside the slightly foamed rubber portion to discharge therefrom while forming the slightly foamed rubber portion and the embedded core bar into a weather strip.

7. (New) The continuous extrusion molding system according to Claim 6, further comprising a coating unit for coating and sealing the holes in the face of the slightly foamed solid rubber portion with a thermoplastic elastomer or resin.

8. (New) The continuous extrusion molding system according to Claim 6, wherein said prickly gear comprises a rotatable wheel including a plurality of spaced radially outwardly projecting elongate elements, each said elongate element having a radially outwardly projecting tip.

9. (New) A continuous extrusion molding system for forming a weather strip for an automobile, comprising:

means for providing a core bar;

an extruder having a mouth piece, said extruder arranged to output a slightly foamed solid rubber portion so that the core bar is embedded therein;

a prickly gear disposed adjacent the mouth piece for rotating when pressed in contact with the slightly foamed solid rubber portion being extruded for forming holes in a face of the slightly foamed solid rubber portion; and

a vulcanizing furnace for receiving and vulcanizing the slightly foamed solid rubber portion, the holes enabling gas evolved inside the slightly foamed solid rubber portion to discharge during vulcanization, while forming the weather strip.

10. (New) The continuous extrusion molding system according to Claim 9, including a coating unit for coating the weather strip with a thermoplastic elastomer or resin.

11. (New) The continuous extrusion molding system according to Claim 10, including a bending means for forming the weather strip as a U-shaped weather strip.

12. (New) The continuous extrusion molding system according to Claim 11, including an embossing roll adjacent the exterior mouth piece and the prickly gear for embossing the slightly foamed solid rubber portion output therefrom.

13. (New) The continuous extrusion molding system according to Claim 11, wherein said prickly gear comprises a rotatable wheel including a plurality of spaced radially outwardly projecting elongate elements, each said elongate

element having a radially outwardly projecting tip for forming the holes.

14. (New) The continuous extrusion molding system according to Claim 9, wherein said prickly gear comprises a rotatable wheel including a plurality of spaced radially outwardly projecting elongate elements, each said elongate element having a radially outwardly projecting tip for forming the holes.